

Operation Principle

Multi-function GPS Portable Navigation Device-81C

1. Bluetooth
 - a. BC04 ROM
 - b. Communication interface: UART
 - c. Frequency: 2.402-2.480GHz
 - d. 13MHz crystal
 - e. Power supply:3.3V
 - f. Built-in high-performance 2.4GHz chip antennas.
2. GPS
 - a. 28-channel GPS baseband with hardware match filter
 - b. Operating Frequency : 1575.42MHz
 - c. 12MHz/+/-30PPM crystal and 32.768kHz crystal
 - d. Power supply:3.3V
 - e. Built-in ceramic antenna
3. FM
 - a. Frequency Range : 88.1MHz ~ 107.9MHz
 - b. MCU control IIC to set FM frequency
 - c. 15.2MHz crystal
 - d. Power supply:3.3V
 - e. FM antenna is Built-in antenna(Gain=-1dBi)
4. Rear-View
 - a. Audio/Video Input
 - b. CVBS(NTSC/PAL) Input
 - c. Power supply:2.5V and 1.8V